

(3)

L5 ANSWER 1 OF 1 WPIX (C) 2002 THOMSON DERWENT  
AN \*\*\*1997-359228\*\*\* [33] WPIX

DNC C1997-115562

TI Fire retardant - comprises heat conductive silicone rubber, basic metal oxide, inorganic carbide or nitride, reinforcing material, platinum compound and vulcanising agent..

DC A26 A85 E37 L03

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CYC 1

PI JP 09151324 A 19970610 (199733)\* 6p C08L083-04

ADT JP 09151324 A JP 1995-313106 19951130

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IC ICM C08L083-04

ICS C08K003-14; C08K003-22; C08K003-28; C08K005-14

AB JP 09151324 A UPAB: 19970813

A fire retardant can be extrusion moulded, has a heat conductivity after vulcanising of at least 1.7 w/mK and comprises 100 pts. wt. a silicone rubber, 10-490 pts.wt. a basic metal oxide having specific surface area of up to 1.0 m<sup>2</sup>/g and average diameter of 10-35 microns, 10-500 pts.wt. at least one of inorganic particles of carbide or nitride treated for water proofing, 0-500 pts.wt. reinforcing material, 0.01-10 pts.wt. platinum compound and 0.5-20 pts.wt. vulcanising agent.

Also claimed are : (a) the basic metal oxide being aluminium oxide, zinc oxide, magnesium oxide, calcium oxide or zirconium oxide; (b) the water proof treatment of nitride being a treatment to become the nitride stable against moisture in the air; (c) the nitride being boron nitride, aluminium nitride or silicon nitride and the carbide being silicon carbide, titanium carbide or boron carbide; (d) the platinum compound being chloroplatinic acid, alcohol modified chloroplatinic acid, platinum-olefine complex or methylvinyl polysiloxane platinum complex; and (e) the composition further comprising at least one auxiliary fire retardant agent of iron oxide, titanium oxide, aluminium hydroxide, magnesium hydroxide.

3N, 4N  
S<sub>13</sub>N<sub>4</sub>  
S<sub>13</sub>, T<sub>13</sub>  
B<sub>13</sub>

USE - The composition is used for manufacturing heat conductive or electric insulating parts of electronic devices.

ADVANTAGE - The composition has an excellent fire barrier, heat conductivity and high electric resistivity and also storing stability.

Dwg.0/0

FS CPI

FA AB; DNC

MC CPI: A06-A00B; A06-A00E2; A08-D01; A08-D05; A08-F01; A08-R01; A09-A01A; A11-C02; A12-E04; A12-E10; E31-H04; E31-N05A; E31-P06D; E31-Q03; E34-B01; E34-C02; E34-D01; E35-C; E35-L; L03-A

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